

**BALLOON PRE-LAUNCH CHECKLIST**

**300 GRAM LIFT\* (400g Measured Nozzle Lift with Helium Hose attached)**

<i>Check</i>	<i>Item</i>
_____	Check Area for Takeoff Obstacles
_____	Wind Less than 10 mph, Cloud Coverage less than 50%
_____	Tarp or Sheet In Place
_____	Cut 20 ft Flight Train and tie to Parachute Apex
_____	APRS Tracker – Battery Installed and Tracker Slipped onto Flight Train between Payload & Chute
_____	Flight Train tied to Payload
_____	SPOT Trace – Activated and Receiving Location on Laptop
_____	Flight Computer – Fresh batteries installed, seeing 2 flashes every 6 seconds
_____	Recovery Buzzer Battery installed, Buzzer Activated for Testing, Turned Back Off
_____	Video Transmitter – Battery Installed
_____	Video Receiver & Antenna – Activated, Calibrated & Receiving Picture
_____	Video Camera Remote Control – Activated and capable of Pan/Tilt
_____	Frame – All hardware secure, no cracks in Frame or Corner Plates
_____	Inflate Balloon according to Instructions
_____	Balloon Inflated – Payload Weight: _____ Plus 400 grams of Net Lift equals: _____
_____	20 ft Line from Parachute Apex tied to Balloon
_____	Bridle – Not Frayed, all Tie Points Secure
_____	Flight Train – Not frayed, swivel turns easily, Tied Securely
_____	Parachute – Risers are not tangled, securely attached to canopy
_____	Parachute – No Tears in canopy, balloon line secure at Parachute Apex
_____	GoPros Activated and Recording, 1080p/30fps/Wide
_____	Final Check – SPOT Trace ensured Activated
_____	Final Check – GoPros Recording at 1080/30fps/Wide
_____	Final Check – Flight Area Clear of Obstacles
_____	Countdown and Launch